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(71) Applicant and

(72) Inventor: MAYRHOFER, Peter [AT/AT]; Linzerstrasse 279/1/2, A-1140 Vienna (AT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JECHLINGER, Wolfgang [AT/AT]; Strozzigasse 38/12, A-1080 Vienna (AT). LUBITZ, Werner [AT/AT]; Schönborngasse 12/12, A-1080 Vienna (AT).

(74) Agent: SONN & PARTNER PATENTANWÄLTE; Riemergasse 14, A-1010 Vienna (AT).

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(54) Title: MINICIRCLE VECTOR PRODUCTION

(57) Abstract: A plasmid is provided comprising comprising the following functional units: a prokaryotic origin of replication, a marker sequence, two specific recombinase recognition sequences and a multiple cloning site, whereby it comprises a gene coding for a sequence specific recombinase, whereby the units are arranged on the plasmid in such a way that the plasmid is divided into a miniplasmid and a minicircle upon expression of the sequence specific recombinase, said miniplasmid comprising the prokaryotic origin of replication, the marker sequence and the gene for the sequence specific recombinase and said minicircle comprising the multiple cloning site.

